



- NOTES:
1. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IN71 UNLESS OTHERWISE NOTED.
  2. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IN71 UNLESS OTHERWISE NOTED.
  3. ALL EMBEDDED LINES ARE CARBON STEEL, CEMENT LINED, UNLESS OTHERWISE INDICATED BY PIPE CLASS.
  4. ALL PIPING 2" AND SMALLER IS CLASSIFIED AS B-A RADIATION LEVEL.
  5. DELETED.
  6. ALL START-UP STRAINERS SHALL BE REPLACED BY RING SPACERS IN ACCORDANCE WITH LATEST REVISION OF 96-16 MS-03 GENERAL NOTE 17.
  7. DELETED.
  8. DELETED.
  9. FOR DETAILS OF SAMPLING STATION, SEE DWG. C-6023.
  10. SCREENS INSTALLED ON CIRCULATING WATER PIPE AND CONDENSER WATERBOX PENETRATIONS (CONDENSER CONNECTION NUMBERS 96, 97, 98, AND 99) TO PREVENT CTC'S BALL LOSS (DCP 85/4007). SEE DWG. M-6019 FOR SCREEN DETAILS.

- NOTES CONTINUED:
11. DEICING VALVES REMOVED PER DCP 91/1157 AND CH 42/8211 AND DEICING RING REMOVED PER ER 98/8314.
  12. THESE CONNECTIONS ARE PROVIDED TO BE USED BY CHEMISTRY FOR THE FOLLOWING:
    - A. INSERTION OF AN INJECTION QUILL FOR THE ADDITION OF WATER TREATMENT CHEMICALS
    - B. UTILIZATION OF MONITORING EQUIPMENT
    - C. WITHDRAWING A SAMPLE OF CIRCULATING WATER
    - D. OTHER USES AS DETERMINED BY PLANT STAFF
  13. COMPONENTS 0834A/B AND VALVES FX418A/B MAY BE PERIODICALLY REMOVED TO FACILITATE USE OF THE CONNECTIONS AS DESCRIBED IN NOTE 12.
  14. FOR IH22-P171/P172 INFO SEE DWG. J-10918 SERIES.
  15. TEMPERATURE ELEMENTS IN744 AND IN748 ARE INSTALLED ON THE WALL OF THE NOCT OUTFALL STRUCTURE.
  16. THESE CONNECTIONS PROVIDE FOR USE OF CHEMICAL MONITORING EQUIPMENT.
  17. BLIND FLANGE MAY BE CLASS VVD OR JCD.
  18. DELETED.
  19. DELETED.
  20. BAILEY IN71-90 AUXILIARY COOLING TOWER CONTROL CABINET, IH22-P738, SHOWN ON DWGS. E-KA1152-842, 43, 44, 45 & J-KC1319-885.
  21. BREAKERS FOR IN74 F858A AND F858B TO REMAIN OPEN PER ER-GD-2888-8742-821 SECTION 5.12.4.
  22. THESE COMPONENTS ARE INSTALLED BUT ARE NON-FUNCTIONAL. PER ER-GD-2888-8742-884, ERCH 9 THESE COMPONENTS ARE CONSIDERED ABANDONED IN PLACE.

COMPONENTS SUBJECT TO AMR  
 NON-SAFETY RELATED SYSTEMS &  
 COMPONENTS AFFECTING SAFETY  
 RELATED SYSTEMS AMM20

041	AS-BUILT PER EC 5000104051	MC	N/A	N/A	SP	NH	1-24	-90
048	AS-BUILT PER DRN 06-510	MC	SI	SI	SI	SI	SI	SI

UPDATED FINAL SAFETY ANALYSIS REPORT  
 FIGURE NUMBER - 10.4-005

P & I DIAGRAM  
 CIRCULATION WATER SYSTEM

SCALE: NONE DRAWING No. M-1059A REV. 041

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
1	9/30/2011					

REVISIONS

LRA-M-1059A

DATE FILED: m1059a.DGN

D150